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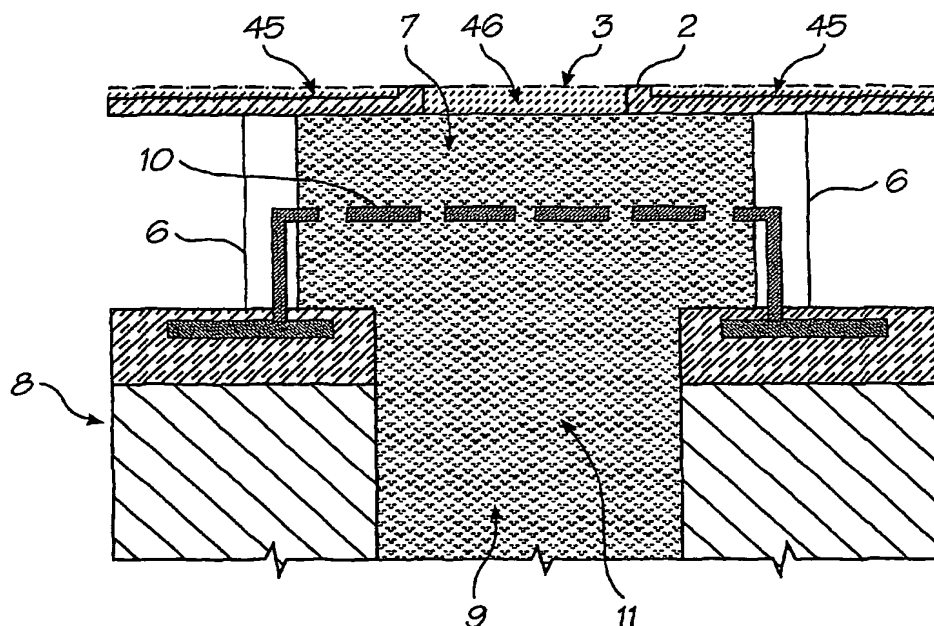
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(54) Title: THERMAL INK JET WITH THIN NOZZLE PLATE



(57) **Abstract:** An ink jet printhead which comprises a plurality of nozzles (46) and one or more heater elements (10) corresponding to each nozzle. Each heater element is configured to heat a bubble forming liquid (11) in the printhead to a temperature above its boiling point to form a gas bubble therein. The generation of the bubble causes the ejection of a drop of an ejectable liquid (such as ink) through the respective corresponding nozzle, to effect printing. The printhead includes a structure (2) which is less than 10 microns thick, on which the nozzles are incorporated.

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